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AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Lab ID : **CP-2018-02-21-02** **Date: 26-02-2018**

Customer : Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.

Address : Yelahanka Sub division, BBMP, Bangalore.

Project Name : Improvements and Asphalting to roads at Papanna layout in ward No-01 of yelahanka Sub division.

Agency : Sri.Ashok.G, No:54, 1st Main Road, 3rd Cross, Vyalikaval, Bangalore-03

Customer's Reference : EE(YNK.D)E-PMT-09/W.O/000008/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 21-02-2018

Sample ID No : 2018-02-21-02 /01

Sample Type /Size : 100mm thick Precast Cover Slab

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete

Date of test : 22/02/2018

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.52	100.51	1.249	4478	98.1	21.9	20.4	25.5
2	Cover Slab-2	75.51	100.49	1.253	4477	99.7	22.3	20.7	25.9
3	Cover Slab-3	75.49	100.48	1.248	4475	97.8	21.9	20.3	25.4

Note:

The results pertain to the samples received and tested.
All information furnished by the Customer/Representative
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FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-RW-2018-02-15-06** **Date: 17-02-2018**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.
Address	:	Yelahanka Sub division, BBMP, Bangalore.
Project Name	:	Improvements and Asphalting to roads at Papanna layout in ward No-01 of yelahanka Sub division.
Agency	:	Sri.Ashok.G, No:54, 1st Main Road, 3rd Cross, Vyalikaval, Bangalore-03
Customer Reference	:	EE(YNK.D)E-PMT-09/W.O/000008/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	15-02-2018
Sample ID No	:	2018-02-15-06/01
Type of Mix	:	WMM (Wet Mix Macadam)
Date of test	:	15-02-2018
Oven Dry Weight	:	10000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	315	315	3.2	96.9	95-100
22.4	2259	2574	25.7	74.3	60-80
11.2	2179	4753	47.5	52.5	40-60
4.75	2251	7004	70.0	30.0	25-40
2.36	1490	8494	84.9	15.1	15-30
0.6	606	9100	91.0	9.0	8-22
0.075	900	10000	100.0	0.0	0-5

Note:-

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TEST REPORT OF AGGEGRATE IMPACT VALUE
IS: 2386 Part IV

Lab ID	:	**CP-RW-2018-02-15-06**	**Date: 17-02-2018**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.	
Address	:	Yelahanka Sub division, BBMP, Bangalore.	
Project Name	:	Improvements and Asphalting to roads at Papanna layout in ward No-01 of yelahanka Sub division.	
Agency	:	Sri.Ashok.G, No:54, 1st Main Road, 3rd Cross, Vyalikaval, Bangalore-03	
Customer Reference	:	EE(YNK.D)E-PMT-09/W.O/000008/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	15-02-2018	
Sample ID No	:	2018-02-15-06/01	
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)	
Date of test	:	15-02-2018	

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	300.2	300.2
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	73.9	74.0
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	225.7	225.8
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.6	0.4
5	Aggregate impact value	(B/A)*100	24.6	24.7
6	Aggregate impact value (Mean of two tests)	Pecentage	24.6	

Note:-

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Certificate No.: TC- 5548

PHYSICAL REQUIREMENTS FOR COARSE AGGREGATE FOR BITUMINOUS CONCRETE

Lab ID	:	**CP-RW-2018-02-23-02** **Date: 26-02-2018**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.
Address	:	Yelahanka Sub division, BBMP, Bangalore.
Project Name	:	Improvements and Asphalting to roads at Papanna layout in ward No-01 of yelahanka Sub division.
Agency	:	Sri.Ashok.G, No:54, 1st Main Road, 3rd Cross, Vyalikaval, Bangalore-03
Customer Reference	:	EE(YNK.D)E-PMT-09/W.O/000008/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	23-02-2018
Sample ID No	:	2018-02-23-02/01
Type of Mix	:	BC (Bituminous Concrete)
Date of test	:	23-02-2018

Table 500-16 : Physical Requirements fo Coarse Aggregate for Bituminous Concrete

Property	Test	Result	Specification	Method of Test
Partical Shape	Flakiness Index	14.3	Combined Flakiness & Elongation Index for BC is Maximum 35%	IS:2386 Part I
	Elongation Index	13.1		
Strength	Aggregate Impact Value	21.0	Maximum 24%	IS:2386 Part IV
Specific gravity	Specific gravity	2.6	Maximum 2.7	IS:2386 Part III
Water Absorption	Water Absorption	1.1	Maximum 2%	IS:2386 Part III

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